Multi Gas Detector

O2	20.93	%VOL
EX	0	%LEL
CO2	0	%VOL
SO2	0.0	ppm
H2S	0.0	ppm
NH3	0	ppm

Check

SAFEGAS-MaxMeta

MaxMeta-WH

Multi gas detector

Product overview

MaxMeta-WH is a IECEx/ATEX/EMC certificated multi gas detector with a rating of IP66/IP68. It detects toxic, oxygen, flammable gases, up to 8 gases all at once – either in pump or diffusion mode. The maxmeta-WH optional wireless capability improves safety by providing real-time access to instrument readings and alarm status from any location.

Product Advantage

- A pump adapter makes it easy to switch between diffusion and pump mode at any time
- Compatible with rechargeable lithium batteries and 3 alkaline batteries for power supply
- Standard with data logger, data download, password protection,ID identification function
- Support low alarm, high alarm, STEL,TWA,man down Alarm,low battery, malfunction, over range, bump due, calibration due alarm
- One press to restore factory settings
- Support firmware upgrade remotely
- Support PPM and mg/m3 gas unit switch by one key
- Standard in English version, other languages can be customized
- Wireless data transmission including Lora,Bluetooth (Optional)
- Optional Bluetooth printer to print real-time data

Product Configuration

Standard：
1. Gas detector One unit
2. Charger dock One unit
3. Pump adapter One unit
4. Filter One unit
5. User manual One unit
6. Certificate of Conformity/Warranty card one unit
7. Data wire One unit
8. Power adapter One unit

Optional：
1. Leather case One unit
2. Support bracket One unit
3. Alkaline battery cover One unit
4. Alkaline battery pack One set

Technical parameters

Working method	Diffusion type, pump suction type (with air pump adapter installed)
Gas type	Toxic, oxygen, flammable, TVOC, etc
Principle	Electrochemical, catalytic, infrared, PID, etc
Measure range	Depending on the gas
Resolution	Depending on the gas
Response time	≤60S (T90)
Detection accuracy	2% FS (depending on the sensor)
Protection level	IP66/IP68
Explosion-proof grade	IECEx: Ex ia IIC T4 Ga, ATEX II 1G Ex ia IIC T4 Ga
Number of buttons	3
Auxiliary detection	Temperature, humidity, flow rate, others
Screen	Black and White Dot Matrix
Screen size	2.6 inches (160 * 128 pixels)
Display digits	10 digits for 1-4 gas, 5 digits for 5-6 gas, 8 digits for 7-8 gas
Display units	PPM, PPB, mg/m3, g/m3, ug/m3, % VOL , % LEL
Display content	Concentration, type, unit, time, date, power consumption
Display language	English, Chinese (other languages can be customized)
Working temperature	(-20~55) ℃ (lithium battery), (-20~54) ℃ (alkaline battery)
Working humidity	<95% RH (no condensation)
Working pressure	91~111Kpa (diffusion), 81~111Kpa (pump)
Power supply mode	Battery
Battery type	Rechargeable lithium battery (2200mAh,), 3-cell alkaline battery (LR6XWA)
Battery replacement	Supports battery replacement (battery replacement requires reconfiguration of system time)
Charging time	Less than 6 hours (lithium battery), non rechargeable (alkaline battery)
Standby time	12 hours at room temperature, 4 hours at low temperature, flammable for more than 8 hours (depending on sensor and battery type)
Alarm type	low alarm, high alarm STEL, TWA, Low battery, man down alarm, malfunctions
Alarm method	Buzzer LED, vibration
Alarm sound	95dB (@ 30cm)
Data storage	100000 records
Event storage	1000 records
Communication functions	Bluetooth (optional, LORA (optional TTL
Printe function	Bluetooth printer (optional
Size	184 * 74 * 52mm (thickness excluding back clamp and pump adapter
Structural material	PC+TPU
Weight	About 600g (depending on configuration)